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PTO/SB/82 (09-03)

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**REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	10/045,072
Filing Date	January 15, 2002
First Named Inventor	Sinskey, Anthony J.
Art Unit	1652
Examiner Name	Monshipauri, Maryam
Attorney Docket Number	031048

I hereby revoke all previous powers of attorney given in the above-identified application.

☒ A Power of Attorney is submitted herewith.

OR

☐ I hereby appoint the practitioners associated with the Customer Number:

☒ Please change the correspondence address for the above-identified application to:

☐ The address associated with Customer Number:

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Craig G. Cochenour, Esq.				
Address	Buchanan Ingersoll PC				
Address	One Oxford Centre, 301 Grant Street, 20th Floor				
City	Pittsburgh	State	PA	Zip	15219
Country	US				
Telephone	412-562-3978	Fax	412-562-1041		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

**SIGNATURE of Applicant or Assignee of Record**

Name	Rita H. Filipowicz		
Signature	<i>Rita H. Filipowicz</i>		
Date	6/16/04	Telephone	(617) 253-6966

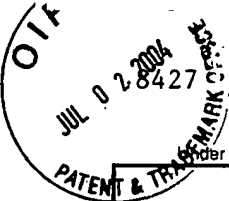
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ \*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Anthony J. Sinskey, Philip A. Lessard, Laura B. WillisApplication No./Patent No.: 10/045,072 Filed/Issue Date: January 15, 2002Entitled: Pyruvate Carboxylase from Corynebacterium glutamicumMassachusetts Institute of Technology, a Non-profit Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
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Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

6/16/04  
Date(612) 253-6866  
Telephone numberRita H. Filipowicz  
Typed or printed nameRita H. Filipowicz  
SignaturePatent Administrator  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: Anthony J. Sinskey, Philip A. Lessard, Laura B. Willis, the undersigned inventors hereby sell and assign to Massachusetts Institute of Technology (the Assignee) his/her entire right, title and interest, including the right to sue for and collect for all past, present and future damages:

check applicable box(es) ☒ for the United States of America (as defined in 35 U.S.C. § 100),  
☒ and throughout the world,

(a) in the invention(s) known as Pyruvate Carboxylase from *Corynebacterium glutamicum* for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 7 July 1999 (also known as United States Application No. 09/220,081, filed December 23, 1998), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that they have full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; Samuel L. Fox, Esquire, Registration No. 30,353; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration

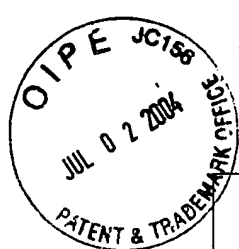
No. 35,239; and Steven R. Ludwig, Registration No. 36,203, of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: 2/7/99 Signature of Inventor: Anthony J. Sinskey  
Anthony J. Sinskey

Date: 7 July 1999 Signature of Inventor: Philip A. Lessard  
Philip A. Lessard

Date: 7 July 1999 Signature of Inventor: Laura B. Willis  
Laura B. Willis



CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER  
37 CFR 1.10 - SEPARATE PAPER

ATTORNEY'S DOCKET NO.

031048

IN RE APPLICATION OF:

Anthony J. Sinskey, et al.

Serial No.:

10/045,072

Filing Date:

January 15, 2002

Title:

Pyruvate Carboxylase From Corynebacterium Glutamicum

Group Art Unit

1652

Examiner

Monshipauri, Maryam

Express Mail mailing label number: EV 369816349 US

Date of Deposit: July 2, 2004

I hereby certify that this paper or fee is being deposited with the  
United States Postal Service "Express Mail Post Office to Addressee"  
service under 37 CFR 1.10 on the date indicated above and is addressed  
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Alexandria, VA 22313-1450.

Ellie Pingree

(Typed or printed name of person mailing paper or fee)

Ellie Pingree

(Signature of person mailing paper or fee)

July 2, 2004

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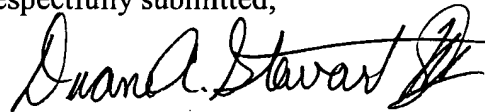
**Please note the new address for correspondence in this application:**

Craig G. Cochenour, Esq.  
Buchanan Ingersoll PC  
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Pittsburgh, PA 15219  
Telephone: 412-562-3978  
Facsimile: 412-562-1041  
e-mail: cochenourcg@bipc.com

The new attorney reference number is 031048.

It is believed that no extension of time is necessary for the timely filing of these documents. If an extension of time is necessary, kindly grant one and deduct the extension fee from Deposit Account No. 02-4553. A duplicate copy of this letter is enclosed for that purpose.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Duane A. Stewart III", with a stylized flourish at the end.

Duane A. Stewart III  
Reg. No. 54,468  
BUCHANAN INGERSOLL PC  
One Oxford Centre  
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